

extension fees, or credit any overpayment, to Deposit Account No. 50-2319 (Our Order No. A-68950-1/RMS/GKS/SRN[469249-00117]).

AMENDMENTS

In the Claims:

Please amend claims 1-4, 6-7, 9-12, 18-20, and 23-25 as follows:

1. (Amended) A microscope slide composition comprising:

a) a substrate with a surface comprising discrete sites, said sites separated by a distance of less than 50 μm , wherein said substrate comprises the dimensions of a microscope slide; and

b) a population of microspheres comprising at least a first and a second subpopulation, wherein said first subpopulation comprises a first bioactive agent and said second subpopulation comprises a second bioactive agent, wherein said microspheres are randomly distributed on said surface.

2. (Amended) A composition according to claim 1, wherein said sites are separated by a distance of less than 25 μm .

3. (Amended) A composition according to claim 1, wherein said sites are separated by a distance of less than 15 μm .

4. (Amended) A composition according to claim 1, 2 or 3, wherein said sites are separated by a distance of at least about 5 μm .

6. (Twice Amended) The composition according to claim 1, wherein the distance between centers of a first and second microsphere of said first subpopulation is at least 5 μm .

7. (Amended) The composition according to claim 6, wherein the distance between said first and second microsphere of said first subpopulation is less than about 100 μm .

9. (Amended) A composition according to claim 8, wherein the distance between a first and second microsphere of said first subpopulation is less than about 100 μm .

B3 10. (Amended) A composition according to claim 9, wherein the distance between a first and second member of said first subpopulation is less than about 50 μm .

11. (Amended) A composition according to claim 9, wherein the distance between a first and second microsphere of said first subpopulation is less than about 15 μm .

12. (Amended) A composition according to claim 9, 10 or 11, wherein the distance between said first and second microsphere of said first subpopulation is at least about 5 μm .

B4 18. (Amended) A method for making a microscope slide composition comprising:

a) providing a substrate with a surface comprising discrete sites, said sites separated by a distance of less than 50 μm , wherein said substrate comprises the dimensions of a microscope slide; and

b) randomly distributing population of microspheres comprising at least a first and a second subpopulation, wherein said first subpopulation comprises a first bioactive agent and said second subpopulation comprises a second bioactive agent.

19. (Amended) The method according to claim 26, wherein said wells are separated by a distance of less than 25 μm .

20. (Amended) The method according to claim 26, wherein said wells are separated by a distance of less than 15 μm .

B5 23. (Amended) The method according to claim 18, wherein the distance between the centers of a first and second microsphere of said first subpopulation is at least 5 μm .

24. (Amended) The method according to claim 18, wherein the distance between the centers of a first and second microsphere of said first subpopulation is at least 15 μm .

25. (Amended) The method according to claim 18, wherein the distance between a first and second microsphere of said first subpopulation is at least 50 μm .

Please add claim 26 as follows:

1126 B6 26. (New) The method according to claim 18, wherein said discrete sites are wells.
